Fall 9-1-2018

M 105.06: Contemporary Mathematics Plus

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Mathematics 105 – Section 06
Grading and Policies Fall 2018

Contact Professor:

- ✓ **Lecturer:** Lauren Fern
- ✓ **Office:** Math 205B
- ✓ **Phone:** 243.5398
- ✓ **Email:** fernl@mso.umt.edu
- ✓ **Tutoring:** Free tutoring is available at the Math Learning Center located in the basement of the Math Building. Hours will be posted on the website and announced once they have been determined.
- ✓ **Course Coordinator:** First person to see with complaints, questions, etc. about this course that cannot be resolved with the instructor: **Lauren Fern** whose office is in **Math 205B** whose phone number is **243-5398** and whose email is fernl@mso.umt.edu

Catalog Description:
(http://www.umt.edu/catalog/colleges-schools-programs/humanities-and-sciences/mathematical-sciences/default.php
M 105 - Contemporary Mathematics
Credits: 3. Offered every term. Prereq. M 090 with a grade of B- or better, or M 095, or M01 placement ≥19, or ALEKS placement≥3, or ACT score of 22, or SAT score of 550 (with the new test). An introduction to mathematical ideas and their impact on society. Intended for students wishing to satisfy the general education mathematics requirement.

Learning Outcomes: Upon completion of this course, students will be able to:

1. Read mathematical material at an appropriate level, reason mathematically, and write using mathematical notation correctly.
2. Formulate a problem precisely, and interpret solutions.
3. Apply elementary probability theory to construct models of random phenomena, including the use of simulations.
4. Use elementary statistical tools such as measures of center and spread, graphical representations of data, and statistical estimation of population proportions.
5. Use tools from one or more areas of mathematics to solve theoretical or applied problems. The areas could include, but are not limited to, finance, management science (e.g., graph models for network problems), social choice and decision making (e.g., elections, voting, fair division, Congress apportionment), geometry (e.g., symmetry, tilings), or mathematical games.

General Education Learning Outcomes:
Upon completion of the mathematical literacy requirement, a student will be able to effectively apply mathematical or statistical reasoning to a variety of applied or theoretical problems.

Notes About the Course:
This course is designed to illustrate several ways in which mathematics is used in the "real world". We will explore some topics of general interest which are not typically taught in a formal mathematics class. The goal is for you to see not only how useful mathematics is, but also how beautiful and elegant it can be.

Text:
Using and Understanding Mathematics, 7 ed. Bennett, Briggs. Access to MyMathLab and a calculator are also required.

In an effort to help drive down the costs, your faculty member and The Bookstore have worked with the publisher to bring your course materials at a lower cost through the school's Inclusive Access program. The cost of these materials has been charged to your student account. You still have the right to Opt Out and find these materials at the market rate. If you do so, your access will be cancelled and The Bookstore will issue a refund for the fee assessed to your tuition bill. Please keep in mind that you will still need to purchase access to MyMathLab for the online homework component of this class. This all inclusive program will give you access to MyMathLab which provides an e-book as well as supplemental learning programs. There is a print on demand option as well. If you decide you need a printed copy of the textbook, you can go to The Bookstore and request a copy from the textbook department. **Please note that our course ID is fern18916.**

To register/login to your MML account, please go to the class moodle page.

1. Go to our class moodle page and scroll down to the green icon "Access Course Materials". Click on it.
2. Find the box that says M105 and click on "View Course Materials" and then "Acquire Code"
3. Copy the access code.
4. Open a new tab and go to www.pearson.com/mylab (we are NOT using MyLabsPLus)
5. Click on register and student, then click on "OK Register Now"
6. Enter our course ID fern18916
7. Next you will be prompted to sign in with your account. If you have one, enter your username and password. If you do not have an account or don't remember your old login information click on create an account (If you did have an account but didn't remember your login info, please be sure to use a different email address than the one your old account was created in….its OK if it's a personal email). If you are creating an account, fill in the boxes and proceed.
8. Select an option "Use Access Code". DO NOT DO TEMPORARY ACCESS AND DO NOT PURCHASE ONE this is the code you copied in step 3 above.
9. Enter the code exactly.
10. Now you should be in!

Grading:
Your course grade will be based on the following:

35% of your grade:	Quizzes/Mini-tests
35% of your grade:	Homework
15% of your grade:	Projects
15% of your grade:	Participation/Attendance

Please note that this class is highly interactive with nearly daily in-class activities, hence attendance and participation are essential for success in the class. You are expected to be in class every day it meets.

All quizzes are closed book, but calculators are allowed and any relevant formulas will be provided. When a quiz is returned, there is one week from the date of return for contesting the grading. After that time period the grade will be accepted as final.

Grade	*Grading Scale by Percentages*
A	90%+
B	89-80%
C	79-65%
D	64-55%
F	Less than 55%
CR	

*** If you are taking this course to fulfill a general education requirement or a requirement for your major or minor, you must take it for a traditional letter grade (not CR/NCR). If you decide anyhow to take this course with CR/NCR grading, a grade of "D-"is considered passing and will earn you credit for the course, BUT it will NOT fulfill your general education requirement NOR any requirement for your major or minor.***

Make-ups:
THERE ARE NO MAKE-UPS for the turn-in assignments and quizzes, regardless of the reason (e.g. sickness, sports, family emergency, etc.); this is why the lowest two are dropped. Exam make-ups will ONLY be given under special and extenuating circumstances, such as a death in the family or illness, provided that a note from the Health Service or doctor is furnished by the student AND permission is given by me **prior** to the exam. At most one make-up exam will be given. **It is your responsibility to notify me as soon as you know you will miss any quiz and it must be either prior to or within 24 hours of the quiz.**

Add/Drop Policy:
The last day to add/drop or change grading option to Audit by Cyberbear is **9/17.**The last day to change sections and to change grading options is **10/29.**This is also the last day to drop. Changes after this deadline and until **12/7** must be done by Petition to

≥ 55%

Drop/Add after deadline and approved by me, your advisor and the appropriate Dean. Approval requires genuine extenuating circumstances as listed in the university catalog.

Extenuating circumstances are:

1. Missing a substantial number of classes due to illness, accident or family emergency.
2. A change in work schedule that makes it impossible to attend class or devote adequate time to the course.
3. Registration in the course by error and never attending class.

Reasons that are not satisfactory include:

1. Forgetting to turn in a drop slip.
2. Protecting your grade point average.

Incomplete (I) Grades:

To be eligible for an "I", the following conditions must be met:

1. The student must have been in attendance and passing the course up to 3 weeks before the semester ends; and
2. The student is unable to complete the course due to extenuating circumstances, which usually means serious illness or death in the family.

Incompletes are not given under any other circumstances and are always given at the discretion of the instructor. See the 2018-2019 catalog for further information.

Misconduct:

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. Available for review online at http://www.umt.edu/SA/VPSA/index.cfm/page/1321

Disability modifications:

The University of Montana assures equal access to instruction through collaboration between students with disabilities, instructors, and Disability Services for Students. If you think you may have a disability adversely affecting your academic performance, and you have not already registered with Disability Services, please contact Disability Services in Lommasson Center 154 or call 406.243.2243. I will work with you and Disability Services to provide an appropriate modification.

Important University-Wide Info and Dates:

- Monday, 3 Spetember: Labor Day. No school.
- Tuesday, 6 November: Election Day. No school.
- Monday, 12 November: Veterans Day. No school.
- 21-23 November: Thanksgiving. No school.

Fall 2018 **M105 Plus/M191 – Corequisite Class for Contemporary Math**

Course Instructor

Name: Lauren Fern
Email: fernl@mso.umt.edu
Office: Math 205B
Office Phone: 243-5398
Office Hours: TBA

Course Description

This course is designed to accompany M105 Contemporary Math. It is intended to provide additional support in a small classroom setting. The content will mirror the course outcomes of M105 and background and necessary skills will be covered as needed. Topics include fractions, decimals, percents, proportions, problem solving, simplifying and solving algebraic expressions.

Course Outcomes

Upon completion of this course, the student will be able to successfully complete M105.

Required Texts

There are no additional materials that are required for this portion of the course.
Please note that when enrolling in MyMathLab your course ID is: **fern18916**

Grading Policy

Please do not focus on the grade in this part of the course. This portion is graded as CR/NCR. If you are an active participant, attend class regularly and complete the additional assignments, a grade of CR will be given.

Homework

In addition to the class assignments in M105, you will be expected to complete:

- The Supplemental Worksheets.

Quizzes

- There will be no separate tests in this class, however there will be test preparation given prior to the M105 tests.

Attendance and Participation:

Class attendance is expected every day. If you are absent, you are responsible for finding out what you missed and completing assigned work. Having said that, you need to be an ACTIVE participant. One learns by DOING, not watching.

Discussion:

The Corequisite Model entails placing students directly in their college level math class, while providing the assistance needed with the prerequisite material. The advantage of this is that you will not just be learning seemingly arbitrary concepts in a developmental class, you will be learning these concepts and will be able to immediately see their utility and context in M105.